



**Bowman's Hill**  
WILDFLOWER PRESERVE  
Where Mind, Heart and Spirit Bloom



## Twinleaf Newsletter Fall 2015

Volume 22, Number 3



*closed bottle gentian, Gentiana andrewsii*

### Native Plant Nursery

**Fall Members' Preview  
DATE CHANGE:  
Friday, September 4  
1:00 - 5:00 p.m.**

Members, you spoke and we listened! We had planned to have our Fall Native Plant Sale Member's Preview on Friday, Sept. 11 but many of you let us know that you're eager to start your fall planting sooner than later. In response we've decided to move the event ahead by one week to **Friday, September 4.**

Please join us for this opportunity to purchase our specialty crops. We will have a limited number of bottle gentian, and more! Check our website for the updated Nursery catalog, and...

**Look Inside This Newsletter  
For A Special Member Bonus:  
A Plant Sale Coupon!**



Bowman's Hill  
Wildflower Preserve Association  
PO Box 685 . New Hope, PA 18938  
(215)862-2924 . [www.bhwp.org](http://www.bhwp.org)

## Inside Our Plant Collections Process

Maintaining accurate records of our living collection of native plants is a never ending process. Over the years, many significant species have been planted along our wooded trails, in our meadow, and in our ponds. But our Preserve has a wild aspect too, and other common species appear and leave spontaneously. The Preserve keeps records on the presence and location of both planted and naturally occurring species.

For several years, the work of maintaining plant records has been managed by a team of dedicated and knowledgeable volunteers who meet at the Preserve almost every week throughout the growing season. Known simply as the "inventory crew", the team consists of Paul Teese, Tim Abbott, Mary Anne Borge, Kay Reed and Evan Thayer, with Board Chair Allison Hamilton joining this season. The crew likes the comradery of botanizing together while providing a service to the Preserve at the same time. Taken together, they have combined for about a thousand hours of volunteer plant record keeping in recent years. But this year, as we prepare for museum reaccreditation in 2016, we've made some changes to our process.



*Our Inventory Crew leads the ambitious task of maintaining accurate records of our living, ever-changing plant collection. Pictured, L to R: Evan Thayer, Mary Anne Borge, Paul Teese, Kay Reed, Tim Abbott. Not pictured: Dr. Ann Rhoads, Jason Ksepka, Allison Hamilton*

In April, Dr. Ann Rhoads, retired botanist of the Morris Arboretum and co-author of the *Flora of Pennsylvania*, added her expertise to the crew on a monthly basis. She now serves as the final authority for species that are hard to identify, like the sedges of the genus *Carex*. The volunteer crew had thrown up their hands in frustration over sedges, so Ann's expertise has been very welcome. Such species distinctions are important because the state legislature confers protected status on some species but not others that may look quite similar.

In June, Jason Ksepka joined our staff as Curator. (You can read more about Jason on page two.) With this investment in staff, the Preserve will now begin a more professional and systematic approach to managing our living collection. Our curatorial initiative will take a broader scope, searching for changes, surprises, potential losses or declines, as well as opportunities to add to or enhance the native plant collection. Particular attention is also being

*(continued on page 5)*

## Twinleaf

Published three times per year as a benefit of Preserve membership.

Bowman's Hill Wildflower Preserve  
P.O. Box 685  
1635 River Road  
New Hope, PA 18938-0685  
Phone: (215) 862-2924  
Fax: (215) 862-1846  
Website: [www.bhwp.org](http://www.bhwp.org)  
Email: [bhwp@bhwp.org](mailto:bhwp@bhwp.org)

The Preserve is located 2 ½ miles south of New Hope, PA at 1635 River Road (Route 32). Open year-round.  
The grounds are open from 8:30 a.m. – sunset daily. Visitor Center and Twinleaf Shop are open 9 a.m. – 5 p.m. Tuesday through Sunday, Memorial Day, and Labor Day; closed Thanksgiving Day and 12/24 through 1/1.

### Admission:

Preserve members: FREE

Non-members: adults - \$6; seniors (65+) - \$4;  
full-time students - \$4; children 3 through 14 - \$3;  
children under 3 are free.

### Preserve Staff:

A. Miles Arnott, Executive Director  
Jake Fitzpatrick, Nursery Assistant &  
Event Attendant  
Rick Fonda, Grounds Manager  
Angela Jacobsen, Development Director  
Kelly Joslin, Education Coordinator  
Jason Ksepka, Curator  
Liz Poole Lamb, Visitor Services Coordinator  
Bob Mahler, Nursery Manager  
Trish McGuire, Volunteer Coordinator  
Dave Offerdahl, Facilities Maintenance Coordinator  
Sue Owens, Bookkeeper  
Jennifer Pennington, Membership &  
Communications Coordinator  
Susan Rowles, Business Manager

Botanical illustrations by Heather Lovett.

Bowman's Hill Wildflower Preserve inspires the appreciation and use of native plants by serving as a sanctuary and an educational resource for conservation and stewardship.

Bowman's Hill Wildflower Preserve is managed by the Bowman's Hill Wildflower Preserve Association, Inc. in cooperation with the Pennsylvania Historical and Museum Commission. A copy of the official registration and financial information may be obtained from the Pennsylvania Department of State by calling 1-800-732-0999.



**Bowman's Hill**  
WILDFLOWER PRESERVE  
P.O. Box 685 New Hope, PA 18938

# Message from the Director

Here at Bowman's Hill Wildflower Preserve we are always working to give visitors new experiences and interesting learning opportunities to drive home our mission about native plants. To date this year we've completed several important improvements to the property as part of our ongoing work "inside the fence."

Most of you are aware that our special plant collection is only possible because we have 100 acres of woodland that have been protected by a deer fence for over twenty years. After getting damaged in recent storms, our creek gates that prevent deer from entering the woodland via Pidcock Creek have finally been repaired. I am very pleased to announce that we have added two pedestrian gates to our deer exclusion perimeter, one at the entrance gate and one at the exit. This will make for a safer entry and exit for our pedestrian guests. Our final step will be the addition of a deer grate at the current exit gate this fall. Once that step is completed our deer exclusion will be whole once again and our collection of native plants will be fully protected from the ravages of the white-tail deer population.

Under the orders of the Pennsylvania Department of Environmental Protection the dam that fed the old Pond was recently removed. The Preserve's staff and volunteers are investigating environmentally friendly ways to deliver water more reliably to the old Pond. Look for work on that project to begin in the fall and last through next year. Our intent is to try to keep that area an important destination and educational resource.

This fall we will be improving the plantings at President's Drive along the current exit road. This portion of the Preserve was created to honor past presidents of the Federation of Women's Clubs in Pennsylvania. Invasive plants pose a constant threat to its plantings of flowering trees and shrubs. We have been clearing the area of invasive plants and will reestablish a wide variety of flowering trees and native azaleas so that the area once again becomes a spectacular display of Pennsylvania's native plants each spring and summer.

Improvements abound in Penn's Woods this season. Our "Do-It-Yourself" volunteer construction crew worked closely with staff this summer to repair and refurbish the Gazebo in Penn's Woods. They replaced degraded wood and changed the layout of the structure slightly. They also enlarged the space around the Gazebo to allow more opportunity for guests and visitors to gather. It is a marked improvement! We've also enhanced our Moss Garden that is a new centerpiece in Penn's Woods. Now that the moss is growing and thriving, we've implemented the final phase of the project by clearing two semi-circles on either side of the Garden. The result is an organic ellipse shape. The new space now includes a beautiful mature beech tree on one side and three standing juniper trees on the other side which will also serve as added program space. This fall the soil in the cleared areas will be amended to lower the soil pH (acidify it) and it will be inoculated with moss spores and bits of live moss. We are growing!

I hope that you will make full and creative use of your membership this fall and visit the Preserve to see all of the great work we are accomplishing. After all, it is your membership and your involvement that drives all of these property improvements and the amazing educational programs that complement them. And if you discover that you have time to give we are always in need of volunteers to lend their time and talents to make so many of these project dreams a reality. Thank you for your support of the Preserve and for being a part of this special place!

- Miles Arnott

# Welcome New Staff

Please join me in welcoming two new staff members to the Preserve!

Jason Ksepka was hired in June 2015 as the Preserve's Curator of the plant collection. Jason comes to the Preserve with a degree in Forestry and a degree in Fisheries and Wildlife. Jason's primary focus this summer has been to work with Dr. Ann Rhoads and the collection inventory crew to document and confirm what plants we currently have and where they are on the property. A solid reliable inventory is critical for the Preserve as we seek reaccreditation with the American Alliance of Museums in 2016. Additionally Jason is working with volunteer Curator Paul Teese and the Collections Committee to help draft an ambitious plant collections plan. This fall Jason will be focusing his efforts on seed collecting from wild plant populations in the region to add to our educational and permanent collection.

Jacob (Jake) Fitzpatrick joined the staff in July and serves as both Nursery Assistant and Event Attendant. Jake comes to the Preserve with a degree in environmental studies and time working at Diamond Head National Park in Hawaii and Yosemite National Park. As Nursery Assistant he works closely with Nursery Manager Bob Mahler and our dedicated volunteers to propagate plants for plant sales and for planting on the grounds. As Event Attendant he assists Visitor Services Coordinator Liz Lamb with our burgeoning facilities rental program to make sure our guests have a great experience while ensuring that the Preserve's best interests are served.

Welcome Jason and Jake! We look forward to your unique contributions to this special place.



*Jason Ksepka*



*Jake Fitzpatrick*

## Wish List

The Education department is seeking the following items: ten student compasses (\$150 to purchase), specimens (skulls, etc.) for programs (\$200 to purchase), 16 oz. bottles of washable tempera paint (all colors), acrylic sign holders (\$60 to purchase six), black tablecloths to cover 8' long rectangular tables.



## A Postcard From Summer Camp

There is nothing quite like experiencing the Preserve through the eyes of a child and we had a wonderful time exploring nature with our summer campers. Thank you to all of the families that shared their children with us for this special immersion into the natural world.

Campers made so many discoveries and wrote about them in their naturalist's notebook each day. From dipping for crawdads and water skimmers in the creek, to catching butterflies and insects in the meadow, we studied nature from every angle. Special thanks go to Tom Sandusky and Sam Johnson for sharing their expertise and passion for the outdoors.



## Our Summer Interns Reflect On Their Experience



*Working with our youngest visitors during the weekly Children's Summer Reading.*

Since we began our journey here as summer interns, we experienced every department at the Preserve. While working in the Native Plant Nursery, we learned about how to propagate plants, weed, water, transplant, and manage the greenhouses alongside the passionate propagation team. On grounds duty, we helped with invasive species removal, trail maintenance, event preparation, and grounds maintenance. We became well versed in all types of equipment, which included working with the gravely lawnmower, the dump truck, the skid steer bobcat, weed whackers, handsaws, golf carts, and chainsaws.

Within the realm of education, we led the Children's Summer Reading Program each Thursday, with weekly themes and activities that included lesson plans we created about metamorphosis, conservation, habitats, aquatic life, native plants and biodiversity. We assisted with the Nature Rangers Summer Camp for elementary students and helped support other educational programming and curriculum. Additionally, we led weekly wildflower tours.

As an added learning experience for our internship, we joined Kelly Joslin and a dozen other dedicated birders on a field trip to the Delaware Water Gap region in New Jersey. We met up with our guide for the day, Pete Bacinski, a professional birder and newly retired NJ Audubon employee. While on the trip, Pete expertly identified all types of birds based solely on song. We went on an additional trip to Aquascapes Unlimited Inc. with Nursery Manager, Bob Mahler. On this trip, we met up with a former Preserve intern, John Mark Courtney, to learn about the process of propagating and managing aquatic plants for the nursery and landscape trade, including carnivorous plants and grasses.

In addition to the fieldtrips, education, grounds, and nursery work, we learned an enormous amount of plant identification, horticultural, and historical information about the Preserve. By shadowing naturalists on tours and giving tours of our own, we gained a holistic understanding of native flora in bloom, as well as anecdotal stories that go along with them. Since nature is in a state of constant change, every week there were new plants to identify and learn information about. The staff, naturalists, and volunteers have all made a point to help guide us and share their knowledge and because of this, we are always learning new facts and stories to share with our tour groups.

Throughout our internship, we learned about the inner workings of a nonprofit organization. We learned how important volunteers are to the success of Bowman's Hill Wildflower Preserve, and how crucial it is to be versatile. Every staff member is a jack-of-all-trades, and is able to work in every department from running the lawn mower or chain saw to answering phones in the gift shop. Our flexible and adaptive schedule allowed us to have a full taste for this type of career, bouncing from activity to activity. It provided us with an insightful glimpse into a possible career path, while helping us build our resume with new skills, like the operation of heavy machinery and knowledge of invasive plants.

*- Pamela Gilligan and Kimberly Nolan*



*Pamela and Kimberly joined Pete Bacinski on our spring birding trip to the Delaware Water Gap.*

## A Volunteer Story



Our volunteers do the most wonderful things. One such example is Stephanie Pavona. After graduating from Kean University with a degree in biology and a minor in English she chose to take a Field Botany course at Raritan Valley Community College in New Jersey. Her Professor challenged the class to volunteer out in the field, and she did.

After visiting Bowman's Hill Wildflower Preserve Stephanie fell in love. The well maintained trails, the healthy forest with a bounty of native plants and trees, the education program offerings and our mission to preserve them just spoke to her. She found her place. Stephanie contacted us to offer her time and talent. Matching her to the right opportunity didn't take long; we needed help keeping our native plant sale area looking fresh and lively. Stephanie was enthusiastic, capable and willing to learn.

"My favorite part [of volunteering here] is watching the pollinators on the mint plants as I work" she shared. Although her least favorite part is that it's been so hot and humid, "it's really nothing to complain about". Stephanie's responsibilities include organizing, weeding, labeling and watering the native plants that we offer for sale. She spends two days a week at work here and she can often be found deep in the rows of *Echinacea* caring for the plants that are waiting for a garden to call home. She's enjoying "the one-on-one experience with the plants that you just can't get otherwise". Now she's planting many of the plants that she's nurtured at home.

Stephanie's passion is noticeable. The love of nature and the call to preserve native habitat is powerful. So much so that the hour and a half commute two times a week makes no difference at all.

- Trish McGuire

## Plant Collections (continued from front page)

given to the cultural needs of plantings and what can be done to maintain a healthy population here at the Preserve. Jason will eventually supervise the crew, but for now, they are helping him learn the plants and habitats of the Preserve. With recommendations from our inventory crew and education committee, Jason will be developing a prioritized wish list and will soon begin adding species to our plant collection. Priority will be given to rare species and those with high ecological and/or aesthetic value and benefits to wildlife. Jason plans to collaborate with state and local agencies, the Delaware Valley Fern and Wildflower Society, The Nature Conservancy and other organizations to pursue ethical acquisition of desired species.

But even with these changes, our good old inventory crew will still be needed throughout the seasons. In spring, the focus is on the herbaceous and often ephemeral plants of the woods. In summer, the work shifts to the meadow where grasses and sedges make for challenges in identification. Fall is an ideal time to check on woody plants.

When it comes to revisiting planted species, trees and shrubs are easy to locate, but smaller scale herbaceous plants are dormant for long stretches of time often require special methods. For the more diminutive species, metal pins are used to mark their location. That way, a metal detector can be used to relocate plants even if the pins are lost under leaf litter. Accession tags are placed on the pins to identify plantings through reference to our plant records database.

As well as revisiting plantings, the crew also keeps an eye out for spontaneous arrivals. Each year has its surprises. The team discovered *Platanthera lacera*, ragged fringed orchid, in the meadow a few years ago. But orchids can move about. And the crew checks each year to see if new shoots are present and if old ones reappear.

We are grateful for the work of the inventory crew and of Dr. Rhoads. Their work is invaluable to our efforts to preserve the native plants of PA on our grounds. If you have an interest in botany and would like to get involved, please contact our Volunteer Coordinator, Trish McGuire: mcguire@bhwp.org.



ragged fringed orchid, *Platanthera lacera*  
Photo by Jason Ksepka

## Preserve Seeks Volunteer Naturalists

Programs at the Preserve continue to grow exponentially and we are now accepting applications for our 2016 Volunteer Naturalist Training. Applicants should have a strong interest in native plant conservation. Knowledge of local flora, fauna and ecological principles are desired, but not necessary. A desire to work with people of all ages and abilities is encouraged. Full training provided through classes, mentoring and shadowing. Interested candidates should contact Trish McGuire, Volunteer Coordinator (mcguire@bhwp.org) for application information.

### *Call for Nominations:* **Land Ethics Award**

Bowman's Hill Wildflower Preserve is seeking nominations for the 2016 Land Ethics Award. The award honors and recognizes the creative use of native plants in the landscape, sustainable and regenerative design, and ethical land management and construction practices.

Honorees may be selected from three categories: Public Spaces (such as Public Gardens, Nature Preserves, Municipal or Corporate Campuses), Residential Projects, and Individuals or Community Groups. Individuals, non-profit organizations, government agencies, community groups, and business professionals are encouraged to apply. Projects must be a minimum of one year and a maximum of three years old.

Awards will be presented at the Preserve's 16th Annual Land Ethics Symposium at Delaware Valley University on March 10, 2016. Professionals and property owners with an interest in sustainable design and land management are encouraged to attend this full day event. Land Ethics Award winners will be contacted in mid-February 2016.

For more information on the Land Ethics Award and to download the nomination form, visit the Land Ethics Award webpage: [bhwp.org/education/Land-Ethics-Award.htm](http://bhwp.org/education/Land-Ethics-Award.htm)



*New England aster,  
Symphyotrichum novae-angliae*

### **Summer Student Volunteers Return**

High School Students are required to build a resume long before applying for colleges or looking for a job. Admission Counselors recommend students have experiential learning opportunities in addition to being involved with their community, showing that they are responsible well rounded students. Seems like a tall order for a young adult but here at the Preserve we have built our summer volunteer program to meet those needs. Students are welcome to volunteer 2 to 3 times a week over 6 weeks during the summer. They also support special events such as Plant Sales, Earth Day, Gala set up, etc.

During their volunteer time students learn about the importance of protecting our environment as well as plant identification, grounds keeping skills, responsibility and accountability. We try to make it fun but it is a good deal of hard work. Projects include: hauling mulch and gravel, resurfacing trails, digging out and pulling down unruly invasive oriental bittersweet, clearing out the hoop houses, and general weeding. These students help the staff immensely and make a big difference in the health and appearance of the property.

Joining us this Summer: Bennett Nolan, Bryce Emery, Cammy Morsberger, Gavin Fisher, Marissa Bradley and Michael Mittrane. Special thanks go to Kimberley Nolan, Pamela Gilligan, Richard Gallagher and Eric Riders for leading the students through their shifts.

- Trish McGuire

### **Land Ethics Symposium Returns To Delaware Valley University Thursday, March 10, 2016**

Next year will mark the 16th anniversary of our annual Land Ethics Symposium "Creative Approaches to Ecological Landscaping." The event will be held on Thursday, March 10, 2016 at the beautiful Delaware Valley University campus in Doylestown, PA.

We are excited to partner with DelVal again next year! Last year was our most attended and successful event to date. We welcomed more than 270 registrants to the state-of-the-art Life Sciences building. Attendees enjoyed presentations by top-notch speakers. The day long professional symposium is designed for landscape architects, designers, contractors, land planners, municipal officials and landowners who want the latest information on how to create ecologically sound and economically viable landscapes through the use of native plants and sustainable practices. CEU's are available.

The commuter-friendly campus of Delaware Valley University is located at the intersection of routes 611 and 202 and is accessible by SEPTA's R5 regional rail line, allowing direct service from Philadelphia, with connecting service from Philadelphia International Airport, New York, Baltimore and Washington DC.

Be sure to check the Land Ethics Symposium webpage: [bhwp.org/education/Land-Ethics-Symposium.htm](http://bhwp.org/education/Land-Ethics-Symposium.htm), for important updates about speakers, sponsors and online registration later this fall.

Our Land Ethics Symposium has long been recognized as one of the leading land planning and ecological design programs in the region, due in part to a slate of well-respected, dynamic speakers and the support of many sponsors. If you are interested in a sponsorship for the 2016 Land Ethics Symposium, please contact our Development Director, Angela Jacobsen, at (215) 862-2924 or [Jacobsen@bhwp.org](mailto:Jacobsen@bhwp.org).



## Education

# New Programs for Fall!

For complete descriptions of all of our fall educational offerings, visit our website or refer to the July - December Programs & Events Guide included in the Summer edition of *Twinleaf*.

Please call the Preserve to register for classes: (215) 862-2924.

### Woodland Fairy Tales

Saturday, October 3, 1:00 – 3:00 p.m.  
Members: \$10 with non-paying adult;  
Non-Members: \$15 with non-paying adult.  
Advance registration required by October 1.

Don your fairy wings and join us for a magical afternoon as we journey through Penn's Woods to help our Fairy Queen find her friend the Frog Prince. Use natural materials to help create a special shelter for our woodland fairies. Program includes a story, art project, and snack by the pond.

### Woodland Pumpkin Hunt

Saturday, October 24, 2:00 - 4:00 p.m.  
Members: \$14 with non-paying adult;  
Non-members: \$17 with non-paying adult.  
Advance registration by October 20.

Take a magical journey in the woods through the eyes of Mousekin, as he prepares for the coming winter. We'll search for food, watch for predators, then find our own "golden house" to decorate and take home.

### Leaf Printing Workshop

Saturday, October 10, 10:00 a.m. - Noon  
Members: \$35; Non-members: \$45.  
Advance registration required by October 8.

Artist Diane Podolsky will show you several different ways to print collected leaves and make a wonderful piece of art to take home. Plenty of leaves will be available but feel free to bring your own. All supplies included. Please wear clothing suitable for creating art. Ages 7 and up, with adult.

### Make & Take: Beautiful Bog Bouquet

Saturday, October 24, 10 a.m. – Noon  
Members: \$35; Non-members: \$45.  
Advance registration required by October 21.

Join us for this hands-on workshop with "Bog Man" John Mark Courtney of Aquascapes, Unlimited as he helps you create a unique bouquet from pitcher plants and other native bog plants. All materials are provided.

### Knowing Native Plants: Amazing Asters

September 12, 10:00 a.m. - 1:00 p.m.  
Members: \$15; Non-members, \$20.  
Advance registration suggested.

Explore our woods and meadows with Naturalist Mary Anne Borge to discover asters, goldenrods, bonesets, coneflowers, tickseeds, and other yellow composites. We'll look for signs of the relationships these plants have with the insects, birds, and other animals that depend on them. Presentation/discussion followed by an outdoor tour.

### Nature at Night

Saturday, September 12, 7:00 – 8:30 p.m.  
Members: \$5/adult, \$3/child;  
Non-members: \$8/adult, \$6/child.  
Registration required by Thurs., Sept. 11.

Nocturnal nature is full of beauty and mystery and September is a great time to discover the fascinating life history of creatures big and small. Bring a flashlight or headlamp and we will search the meadow for signs of nocturnal nature, including the most industrious of them all – spiders!

### Nature Buddies

Thursdays, from 10 – 11:15 a.m.  
Members: Free; Non-members: \$7 for one child with adult + \$3 for each add'l child.  
Registration required by the Tuesday prior to each program.

Nature Buddies programs include a story, an outdoor walk, and a take-home art project for children ages 3 through 7. Children must be accompanied by an adult. Walks are weather dependent – please dress for the weather.

Sept. 17 Nuts to You!  
Oct. 1 Nature's Recyclers  
Oct. 15 Fall Into Autumn  
Oct. 29 Sensational Seeds  
Nov. 12 Winter Sleepers



sourwood,  
*Oxydendrum arboreum*

### Certified Interpretive Guide Training

Tuesday, November 3 - Friday, November 6,  
8:00 a.m. – 4:30 p.m.  
Fee: \$310 for NAI Members; \$360 non- NAI members. Advance registration with payment required by October 23.

Bowman's Hill Wildflower Preserve, in partnership with the National Association for Interpretation (NAI), is pleased to offer this professional certification course for individuals who deliver interpretive programs or have public contact at interpretive sites. The training combines both the theoretical foundations of the profession with practical skills in delivering quality interpretive programming to visitors. The workshop will be facilitated by Certified Interpretive Trainers Maggie Strucker and Ian Kindle of DCNR. Includes all materials, workbook, and CIG course textbook.

Please visit the Education page of our website for detailed program information and a printable registration form.

# Make Your Way To Our New Green Labyrinth!



Look for the new Green Labyrinth at the top of the Bucks County Trail. You're invited to pause, reflect, and add a stone or two.

Stemming from our passion for forests, the environment, and mindfulness practices, we wanted to incorporate our interests into an intern project that would be beneficial to all components of the preserve. Working alongside the volunteers, hearing amazing stories from the naturalist walks and learning why so many people feel invested and passionate about this place really instilled a sense of belonging within us.

There are many opportunities at the Preserve for people to actively engage with the trails and the native flora through guided tours, educational programs and self-guided hikes. These established activities fulfill only part of Bowman's motto, "Where Mind, Heart, and Spirit Bloom." We felt that there was a need for a designated space for reflection or meditation that would allow people's spirit to blossom. Our goal in refurbishing an underutilized section of trail and creating the Green Labyrinth was to create a stronger connection between people and nature.

Over the course of 6 weeks, we transformed an open section of forest adjacent to the Bucks County Trail. The specific spot we chose featured relatively minimal understory, limited canopy cover, and showed no signs of erosion or chances of flooding. We surveyed the area, marking and cataloging all of the plants. After clearing and redistributing the leaf litter within the surrounding forest, we transplanted and relocated the pipsissewa (*Chimaphila umbellata*), tulip poplar (*Liriodendron tulipifera*), may apple (*Podophyllum peltatum*), ironwood (*Carpinus caroliniana*), hemlock (*Tsuga canadensis*), sassafras (*Sassafras albidum*), and any other seedlings or plants we came across. The perimeter was constructed of fallen limbs gathered from the surrounding forest while the rocks were gathered from the hillside along the Ecology Trail. With an emphasis on stewardship, preservation, and conservation, the Green Labyrinth serves as a space for people to contemplate the interconnectedness between all living beings.

Our labyrinth allows people to center themselves, contemplate their place within nature, and reflect on what action we can take within the natural world.

- Pamela Gilligan and Kimberly Nolan

## Community Open House & Discovery Day Saturday

Saturday, September 19,  
noon - 5:00 p.m.  
FREE - ALL AGES!

This family friendly event will include special walks with a Naturalist along with self-guided activities and an art project in the Visitor Center.

Our grounds will be open to explore during this drop-in day. This is a great opportunity for members to bring special guests to our free admission Open House. Bring your family, friends and neighbors to the Preserve to explore our natural wonders!

Find out more online:  
[bhwp.org/special-events/Discovery-Day.htm](http://bhwp.org/special-events/Discovery-Day.htm)

### Save the Date!

## Volunteer Recognition Lunch

Saturday, November 14, 11 a.m. - 1 p.m.

All Preserve Volunteers are invited:  
Lunch-Awards-Camaraderie

Watch for your invitation in the mail  
in mid-October.





# Membership

## Welcome New Members

*We extend our thanks to all who joined the Preserve family of Members in late spring through mid-summer.  
Thank you for your support!*

Amelia Aspell  
Edith S. Ban  
Pamela Blake and Steven Cohen  
Paul and Catherine Bahn  
Regina Barna  
Cynthia Bashore  
Debbie Bazarsky  
David and Jenny Beaumont  
Anthony Berardo  
Jarrod and Anna Bergey  
Christine Blade  
Theresa Bowers  
Alissa Carlino  
Diane Chrambanis and Vincent Polisano  
Christina Christensen  
David Cowhey  
Keith and Ann Currens  
Ann DeVries  
Linda Dimario  
Peter Frank  
The Florio Family  
Kathleen and Rich Fox  
Brooke Garlits  
Bob and Lynn Greacen  
Ray Johnson

Tami Jones  
Linda Kelly and Bob Brady  
Jenny Kwon  
Rosemary H. Lillis  
Karen and Jason Lisowski  
Joanna Marino  
Matt and Kathy Matekovic  
Samara and Cullen McAuliffe  
Jonathan and Nicole McCann  
Jason A. McCauley and Sarah Karas  
Lauren Mellon  
Robert Mintar  
Christopher A. Moody  
Joan Mutascio  
Pamela Neece  
James and Debbie Nolan  
Andrew Ordovery  
Joseph Palumbo  
Ruthann Pflieger  
Melissa J. Ramsey  
Mike and Deirdre Redel  
Marcia and Len Rigby  
William Ritter  
Frances Robb and Suzanne Manolidis  
Erica Rose

Megan Wind-Rotolo  
Paul and Kathryn Rust  
Melissa Scheetz  
Charles Schofield  
Dana Schwartz  
Hellyn Sher  
Laurie Simpson  
Jan W. Smit  
Sue Smith  
Kati Sowiak  
Jamie Stamos  
Tara Tamburello  
Lesley Vannerson  
Isidore and Kate Venetos  
Eva Walega  
Eriene Wasef  
Sally and Harlan Weisman  
Susan Willett  
Caroline Wilson  
Joe and Christine Witte  
Halleck Wrigley  
Dongmei Zhou  
Diane Zompa and David Knowlton

## News From Our Twinleaf Shop



### Looking For The Perfect Gift?

Well, look no further. We have many unique gift ideas here at the Twinleaf Gift Shop. Earrings, soaps, scarves, photo notecards and a wonderful selection of books...The list goes on and on. You must come in and see the changes taking place in our gift shop. We have new displays and beautiful handbags. For the young kids in your life, we have the cutest firefly puppet that actually lights up.

We also have solar print paper and card making sets. Children love to scavenge indoors and outdoors for items to use when making these fun cards. Don't forget to check out the new fairy house books as well. What fun they would be to read on the Bucks County Trail by the new Green Labyrinth that our summer interns created! Stop in and see all we have to offer.

## Annual Fund 2015

Dear Friends of the Preserve,

Bowman's Hill Wildflower Preserve is a place like no other to connect with and learn from the natural world. When we take a relaxing walk on the trails or study the butterflies in the meadow, we are uniting with nature. We experience the abundant splendor at Bowman's Hill Wildflower Preserve while sitting at the Pond and meandering through the Native Plant Idea Garden at the Visitor's Center.



The Preserve is special because it is a place of beauty, and so much more. The Preserve is a living museum and outdoor classroom filled with learning opportunities. It is brimming with nature's lessons on biology, ecology, horticulture and sustainability. We gain knowledge of the value of native plants by observing the insects, birds and other pollinators buzzing about them. The quality educational programs and activities offered at the Preserve inspire visitors and members alike to be good stewards of the earth. With education at the core, we are changing behavior, inspiring action, and sharing our mission in many, many ways on a daily basis.

We encourage you on your upcoming visits to smell the mountain mint, see the bright sun on the asters, and enjoy the treasures that surround you. We also ask that you consider the role that these beautiful native plants play in the ecological world and how they contribute to our sustainable future.

We are so grateful to our members, volunteers and donors for your ongoing support of our mission and for being part of the Preserve. We hope you will make a generous gift to the Annual Fund in support of the important work we do at the Preserve. Annual Fund contributions help us to enhance our trails, provide innovative educational programs for all ages, interpret our native plant collection, and reach beyond our fence to support our mission, which is:

*Bowman's Hill Wildflower Preserve inspires the appreciation and use of native plants  
by serving as a sanctuary and an educational resource for conservation and stewardship.*

Your gift to the Preserve is more important than ever. Thank you for your involvement and generosity! Gifts of \$100 or more will be recognized on our Donor Recognition Plaque and in the Twinleaf newsletter. Giving levels are as follows:

**Founder's Circle** \$5000 - above  
**Mountain Laurel Circle** \$2500 - \$4999  
**Dogwood Circle** \$1000 - \$2499  
**Trout Lily Circle** \$500 - \$999

**Marsh Marigold** \$250 - \$499  
**Blue Flag Iris** \$100 - \$249  
**May Apple** \$25 - \$99



The 2015 Annual Fund will close at the end of December. Gifts may be made online at [bhwp.org/annual-fund.htm](http://bhwp.org/annual-fund.htm) or mailed to BHWP, attn: Annual Fund, PO Box 685, New Hope, PA 18938. You may also call Angela Jacobsen at the Preserve at 215.862.2924 and we will be happy to assist you in making your gift.

Sincerely,  
A. Miles Arnott  
Executive Director



*white wood aster,  
Aster divaricata*

### Welcome To Our Newest Business Partner

Thank you to our newest business member:

Pritchard Design

Business Partners enjoy exclusive member benefits including business listing on our website and in our Business Partner Directory, plus free admission, discounts on our educational programs, guest passes to share with clients and friends, and much more!

You can take advantage of this opportunity to join other businesses and professionals who, like you, value the preservation of natural resources. Learn more on our website: [bhwp.org/business-partner-program.htm](http://bhwp.org/business-partner-program.htm) or contact Membership Coordinator, Jennifer Pennington at [pennington@bhwp.org](mailto:pennington@bhwp.org) for more information.

### Employer Matching Gifts Make a Difference

Did you know that many employers will match your gifts to the Preserve?

With just a few simple steps you can often double or triple the amount of support that we receive from your contributions to us. Membership dues and gifts to the Preserve qualify under most employer plans. Often the process can be completed online. Why not have a say in where your company directs its charitable gifts? Please contact us if you need assistance with completing an Employer Matching Gift. With just a small investment of your time, you can make a big difference. We are grateful for your efforts to help fund our operating budget and support our mission. Thank you!

## Become a Founding Member of the Perennial Society



The Preserve's Perennial Society was created to recognize our friends who have thoughtfully provided for the future well-being of the Preserve through a bequest or other planned gift, and who have informed us of their commitment.

These visionaries, like our founders before them, share a concern for the welfare and future of the Preserve and a belief that the Preserve will continue to serve as a valuable resource for our community and the region. Through their gifts they secure the Preserve for future generations.

#### Gifts You Can Make:

- Make a bequest gift to Bowman's Hill Wildflower Preserve in your will or revocable living trust.
- Participate in a life income arrangement for the benefit of the Preserve, including a Charitable Gift Annuity or a Charitable Remainder Trust.
- Establish a Charitable Lead Trust for the benefit of the Preserve.
- Name the Preserve as the beneficiary of a 401K or other retirement plan or life insurance policy.

In appreciation, Perennial Society members receive invitations to Preserve events and recognition in *Twinleaf* annually. Donors may choose to remain anonymous, and details of bequest and other information are always held in strictest confidence. Please consult your attorney about your estate plan and bequest options.

For additional information, or to inform us of your commitment to the Preserve, please contact Angela Jacobsen, Director of Development.





# Bowman's Hill

WILDFLOWER PRESERVE

P.O. Box 685 New Hope, PA 18938

## NATIVE PLANT NURSERY



*wrinkle leaf goldenrod,  
Solidago rugosa*

### Fall Members' Preview

**Friday, Sept. 4\***  
**1:00 to 5:00 p.m.**

\* PLEASE NOTE DATE CHANGE

Preserve Members Only.  
See Front Page for More  
Information & Look Inside  
for a Member Bonus Coupon!